

ABSTRACT OF THE DISCLOSURE

Sub A 2

A dispensing device and method for forming a least partially solid or gel-like material from a liquid. At least one liquid issuing from an outlet is subjected to an electric field causing the liquid to form at least one electrically charged jet which, after formation, forms a fiber (F) or breaks up into fiber fragments (FF) or particles (D). The thus formed at least partially solid or gel-like material may be directly deposited, by virtue of the energy in the electrical field, onto a surface area, for example an area of skin enabling, for example, formation of a dressing for a wound or burn which is of high specific area and extremely absorbent. A biologically active ingredient such as a pharmaceutical ingredient or biological matter such as DNA may be incorporated into the fibers (F), fragments (FF) or particles (D). Fibrils, particles or microcapsules incorporating a biologically active ingredient may be supplied for oral or nasal administration to an animal such as a human being.